



O T V A R C

February, 1982

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB
Po Box 5132 Beaverton, Oregon 97006

Meeting: Wednesday, February 17---7:00 pm
Coffee and snack at BREAK time.....

PGE AUDITORIUM-MURRAY AND SCHOLLS FERRY ROAD-BEAVERTON

President:	Dick Powers	WB7ADM	Trustee:	Bob Orr	KB7CC
Vice-Pres:	Randy Cobb	KA7HJT	Trustee:	Mark Walker	W7CLU
Secretary:	Linda Cereghino	N7CZY	Trustee:	Al Berg	WB7SIC
Treasurer:	Warren Knight	N7BIJ	Trustee:	Roger Steyaert	K7RXV
			Trustee:	Bill Whiting	WA6VPA

Our first meeting of the new year turned out to be rather interesting what with the new room, new officers, a coffee break and four guys with rolls of raffle tickets. The room is GREAT and seems to be well accepted by all. The officers did a good job and Warren, our Treasurer, gave an outstanding report of our financial picture. The coffee break was a big help in that the meeting ran until 10:00 pm. We set a new record for raffle income-\$117.00!! Word is that the raffle group is going to up the quality and quantity of goodies. The policy has been to give as much back to the members as possible and it appears that it will continue in the same manner. GREAT news! Our new President found out why it has been difficult to have visitor intros and things like swap shops at our meetings. The past meeting room and it's 9:00 pm deadline made a lot of things impossible to accomplish. Dick did a great job in handling the meeting. A lot of time consuming subjects were handled. It is very obvious to most of us that if heavy business subjects are to be covered, it should be on an evening when we have no program. Mark, W7CLU, gave a great PART 1 program on antennas. Time ran out on us so Mark consented to give PART 2 at our February meeting. Very nice gesture on Mark's part and appreciated. This will give those members who missed the meeting an opportunity to play catch-up. Sorry about the time problem Mark.

The clubs nomination process took up a lot of time and out of this we came up with a committee to help solve the problem. Thank goodness!! It was apparent that a majority of people were tired of hearing about it so let us hope that it will be settled ASAP so we can get on with more interesting and important things.

We have a convention to discuss and it is not long till FIELD DAY. Our Feb. meeting should be of great interest to all. A lot of rat-a-tat coverage of quite a number of subjects will be in order. Boy, it sure is exciting to see so much activity. Hope to CU...

COMING ACTIVITIES

Feb. 13-PTLND. RAD. ICOM DAY
Feb. 14-Valentines Day QSO Party
Feb. 17-Meeting Night
Feb. 18-Sink The Bismark
Feb. 27-Salem Mini Ham-Fair
Mch. 13-Bunny Hunt?????

F
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BULLETIN

Keep these out of reach

The button-sized mercury batteries often used in cameras, watches and calculators can pose a danger to children, warns the British Medical Journal. If children mistake such a battery for candy and swallow it, it can be fatal.

Each battery contains about two grams of mercuric oxide — nearly twice the lethal dose for a child. The battery cases may deteriorate quickly in stomach acids.

Have you tried this?

A few years ago, I installed a 40-foot tower with a new TA33 antenna, fed with coax, and a heavy-duty rotor. This setup loaded up beautifully, but was not able to get out at all.

Repeated calls proved fruitless, and it wasn't until I ran a copper tubing ground to the tower itself that my problems cleared up.

— Triple States RAC, OH

Got your club BADGE?
\$1.50

Maritime Mobile Nets By Gordon West, WB6NOA (In order by time)

GMT Starting time	Frequency in kHz	Net name — area covered	Net control
0230	14313	Seafarers Net - Pacific	WA6ZEL
0530	14314	(20M) Pacific Maritime Net-Pacific	KH6HEO
0630	14320	S. African Maritime Net - Atlantic, Caribbean	ZS5MU
0700 +	14313	Int'l Maritime Net - Atlantic, Mediterranean	DK6SS
1700			
0715	3820	Bay of Islands Net - South Pacific, Australia	ZL1BKB
			KH6FV
0800	14315	Pac Interisland Net - Pacific	
0800 +	14303	U.K. Maritime Net - Atlantic, Mediterranean, Caribbean	G8OS
1800			VP2AYL
1030	3808	Caribbean WX Net - Caribbean	
1030	14265	Barbados Cruising Net - Atlantic, Caribbean	8P6JH
1130	14320	S. African M/M Net - Atlantic, Indian Ocean	PY1ZAK
			J61DZ
1200	7115	Caribbean M/M Net - Caribbean	
1200	14320	SEA Net - Southeast Asia, Indian Ocean, Australia	WB8JDR
1245	21400	Trans-Atlantic M/M Net - Atlantic, Mediterranean, Caribbean	WA1WTP
1300	7268	Waterway Net - US East Coast, Caribbean	WD4NLC
			WA6WGN
1530	14295	Cates Navy - Mexico Coast	K4CG
1600	14313	Coast Guard M/M Net - Atlantic, Caribbean, USA	K6VDV
			KB5YX
1700	14340	California-Hawaii Net - South Pacific	WA2CPX
			K6IKI
1800	14313	M/M Service Net - Pacific	KH6SFF
1800	7197	South Pacific Sailing Net - South Pacific	WB4YBA
			W7GYR
1900	14340	Manana Net - Mexico Coast	
1900	7285	Shamaru Net - Hawaii	
1900	21390	Halo Net - North/South America	
1930	14305	Confusion Net - Pacific	
2100	21390	Inter-American Traffic Net - North/South America	WB4ABW
2300	21404	(15M) Pacific Maritime Net - Pacific, Caribbean	KH6CO
2400	14320	SEA M/M Net - Asia, Japan, Australia	VS6BE

Each net meets daily, except some not on weekends. The frequency 14.313 MHz is the unofficial maritime mobile international calling frequency in case of distress. There are usually fellow maritime mobile operators that guard this channel 24 hours a day.

CLUB JACKETS

We have several orders on file but need about six more before we can submit them to our supplier. It is required that we have no less than ten orders per each submission. If you have been thinking about placing your order please do it now. Let's have a good showing of OTVARC for the upcoming 'Fairs' and 'Convention. FORMS AVAILABLE AT MEETING

CLUB SURVEY SHEET

Once again: Your comments regarding club doings is going to be made available to you at the meeting. Very few were taken at our last meeting and it is assumed that some of you may have missed out on the announcement to pick one up as you left. Our future is dependent on member input so make sure that you pick up a copy at the meeting.....

HOW DOES A SUBMERGED SUBMARINE COMMUNICATE.....

with military leaders in Washington while hundreds of miles out at sea is not something that I have given too much thought to. A recent issue of Science News had an interesting story on this saying that conventional radio signals "dissipate into useless garble" after travelling only a short distance through water. Two techniques are now under study by the military. One uses satellite-based modulated laser (light) signals transmitted to the submerged submarine. The other system uses a ground laser bounced to subs via relay mirrors carried aboard satellites.

W5YI



'NEW BUSINESS'

YEP, that's right! A new business is being formed. Roger, K7RXV and Randy, KA7HJT are now in the tower raising business and will erect any tower structure for a minimal fee. If this sounds a little like commercialism you are right. It sure is! The nice

part of this is that these two hard-hatted guys are going to spend a lot of their time on weekends for the club. ALL proceeds are going into the building of our OTVARC EMERGENCY SERVICES TRAILER.... This subject was covered in a recent letter but let's re-do it briefly. The trailer is to be built by a professional and will contain ALL of the equipment needed for emergency type services. This includes a complete complement of radio gear and the means to power same. It will also house several sections of tower, batteries, a gas generator and for PR purposes it will have a nice paint job with signs to highlight amateur radio and OTVARC in the public's eye. We have had some very outstanding contributions made by members and dealers and if you had to make ratings on a 1 to 10 basis, I think you would agree that this is definitely a 10!!! A lot of personal time, a bunch of money involved and most important, personal risk. A round of applause to Randy and Roger! OUTSTANDING.....

★★★★★

NATION'S CABLE TV WIRING PENETRATION INCREASES - (MAYBE ILLEGALLY!)

Just how much of the country has Cable TV seems to be open to speculation! There seems to be a big difference between what the cable companies report and what the rating firms show! For example, Broadcasting Magazine (the leading industry publication) recently did an in-depth study on Cable-TV. They surveyed every system in the country and declared that according to reported connections, 27% of the country is wired. A new Nielsen "metered survey" sample shows Cable TV penetration at 37%! How come? Broadcasting Magazine (in their December 14th issue) puts forth two explanations. The reason for the difference could be explained by two factors.

- (1.) "Theft of Service" - Consumers using pay-TV but not paying for it -and-
- (2.) "System Underreporting" - Cable companies looking to trim payments to program suppliers since the number of subscribers determines the fee.

Could it be that there are actually 40% more pay-TV viewers than previously thought due to the illegal conniving of consumers and cable companies alike? Cable TV advertisers are getting a better deal than they realize!

W5YI

WIN
YOUR
QUILT
AT
THE
FEB.
MEET-
ING!!
IT'S
DONE

Generals get HF SSTV

The Federal Communications Commission has amended its rules to allow General Class amateurs to operate SSTV on any frequency where they are authorized voice transmission.

The action by the Commission on 24 November also authorizes facsimile transmissions under the same conditions. No date has been set for implementation of the rule change, but it is expected to become effective in either January or February of 1982. □

A SHIP IS A SHE

(From Amateur Radio (Wireless Institute of Australia)

The word "she" itself is born from the Anglo-Saxon "scip" or Gothic "skip," both meaning boat. In the Royal Navy we draw a distinction between ship and boat, the latter being a smaller vessel usually without decks, which is carried aboard a ship. Certain exceptions exist: submarines, out of a sense of friendly rivalry, are often referred to as boats and we refer to passenger ships as boats, though possibly not as a compliment. A ship is a she because: it is always feminine, hard to handle, needs men to run her, requires gilding and painting, comes into port and heads for the buoys, likes to show her topside and hide her bottom, is obstinate and perverse and whenever she sinks she takes a lot of good men down with her. - "RNARS Newsletter."



ARRL VISITATION

At our upcoming meeting, February, we will have two guests from the ARRL. Mary Lewis, our 7 land Division Director and our Oregon SCM, Bill Schrader. Mary was in attendance at our Xmas party and Bill graced us with his presence some months ago. We will have both of them at the meeting and it is hoped that the members will respond and make our guests feel welcome. Mary has done a very good job in her position as Director. She has made countless trips throughout the area of her assignment and has, as a result, been instrumental in unifying some of the clubs and individual hams toward a common goal. More involvement in support of our only spokesman in Washington. The ARRL! This past summer she made a tour of Utah, Wyoming, Idaho and Montana. It is something that had not been done by a Director for many years and all of the clubs that were visited responded with great enthusiasm. A lot of forgotten hams are now feeling like they really do count with the ARRL. Anyway, Mary is doing her best to fulfill the obligation to her responsibility. We look forward to seeing you Mary... Nice work!

Bill Schrader, W7QMU, is to be congratulated for his concise and accurate accounting each month in the Section Activities part of QST. Bill is really on top of his job as SCM and does very well in reporting the many activities in Oregon. One question Bill. How come Washington gets twice as much space?? Hi. We look forward to seeing both of you. The RED carpet will be rolled out. (let's use LJN's new club jacket- it should reach).

THE OLD NUMBERS GAME

Until recently, a numbering system was used for members. Some of you have asked what the membership number line is for on your club certificate and now you know. Our new secretary, N7CZY has taken it upon herself to play catch-up and make sure that everyone is numbered according to when you joined the club. As a result of this, please take note of the label on your newsletter. It shows your membership number, which you may now write in on your certificate. Linda says, after typing up a whole set of new

labels, that she is up to 40 wpm. (on the electric typewriter). Code?????

SPEAKING OF TYPEWRITERS

Randy, KA7HJT has donated the use of an electric model. This is for our secretary to use. A VERY kind gesture on Randys part. Those electrics don't come cheap!!

PLEASE WEAR YOUR NAME BADGE AT MEETINGS. YC JUST MIGHT MEET A NEW FRIEND... DON'T HAVE ONE?? SIGN UP FORM WILL BE AVAILABLE AT THE MEETING. \$1.50--CHEEP.....

It almost happened!

Dino Raptis, KB9MO

It was a rainy Sunday afternoon, and I was helping a friend put up his tower. Things were going along smoothly ... except for the rain.

We got the tower up without any problems so we decided to take a break for lunch before starting on the antennas; hopefully the rain would stop again. After about 45 minutes it did stop, and we decided to start putting up the antennas. I reached for my safety belt and put it on without a thought.

Then I remembered what LaMar Ray, W9LT and John Goller, K9UWA told me. Always check your belt before climbing. No matter how new or old the belt is, make sure you can stake your life on it. So I took off the belt and guess what? The belt was about ready to break! In one spot, there were only a few threads holding it together.

It didn't really bother me at first. After all, I'd been using the belt all morning and nothing happened. But now as I sit back and think about it, I thank my lucky stars that I listened to those two voices in my head telling me to "Check your belt!"

Many thanks to LaMar and John. If it hadn't been for them and the training I received at the Field Day site over the years, I wouldn't have been told to check the belt. You see, it's little things like that which are gained by being an active participant in club activities such as Field Day. Even if we don't make 1st place, we all learn something. I probably wouldn't be here today to tell about this incident if it weren't for a couple of experienced people who were willing to share their knowledge and time!

Always remember to check out the simple as well as the complex things involved in any task. Safety should always be your **FIRST PRIORITY!**

—Fort Wayne Hamsplatter, IN





HOWDY
COUSIN !

NEW MEMBERS

Would you believe-13 hams to add to our roster. This is getting out of hand! A lot of work involved when we obtain new members. Roster additions, mailing labels to be typed, more chairs for the meeting room and more competition for the monthly raffles. Gripe gripe. Kidding aside, we would'nt have it any other way! The club is happy to have you aboard and we look forward to getting acquainted. A VERY big welcome to the following: Henry Truax, W7BGR-Ted Deck, W37OKM-Mike Lovingier, KA7LGG-Elise Walker, KA7KKZ-Dan Dobson, N7DAF-Dave Fischer, W37WUS-David Nelson, W37REC-Hanford Van Ness, N7CNW and another husband wife team, John McCollum, N6CYT and Sherry McCollum, KA7JOY. Also, Ken Nordling, W7EZE-Dennis Souza, KA7MDD and Greg Blaumer, WA7MMM. Thirteen new names on the roster. Our total membership is now 180... A BIG OTVARC round of applause to you all. We hope that you will enjoy the club and our activities. 73 es 88

UPGRADES-CALL CHANGES

Jeff Schultz-WA7UEV to extra and KQ7I	Congratulations to you guys.
John Bowman-KA7JOW to tech and N7DOB	Gary, by the way, won the BIG
Todd Fujinaka-WB7TKY to advanced	prize at the Xmas party and it
Gary Clifton-KA7LCO to tech	did'nt take long to upgrade...
Eric Kosko-WA7YSU to advanced	Bernie Pollock-W2IMS to KQ7L

BASH EDUCATIONAL SERVICES REQUESTS QST ADVERTISING.....

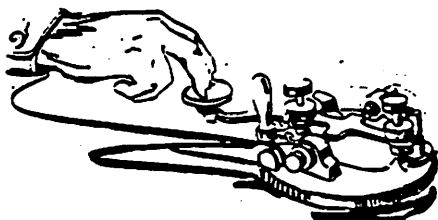
Dick Bash, KL7IHP (KL7 "I Help People") - one of ham radio's most controversial figures - has written the ARRL formally requesting that his company, Bash Educational Services, be allowed to advertise in their journal, QST. The controversy stems from the fact that Bash publishes the exact word-for-word questions and answers that appear in the various Amateur Radio Service examinations.

In a letter to Dick Baldwin, (WIRU), ARRL General Manager, Bash said, "We do not now interview people at the FCC office as they leave the exam room and have not done so for about a year. I can assure you that if this matter was a point of objection that it is now mute."

Actually, Bash gets the various questions and answers from amateurs that utilize a postage paid card (he calls it a "feedback sheet") appearing in the back of his book, "The Final Exam". He encourages amateurs to send him any amateur exam question that is not covered in the book for which he sends them back The Infamous 007-1/2 Certificate "in recognition of the major intelligence coup you have accomplished."

Bash has been denied the right to advertise in QST by Dick Baldwin, ARRL General Manager who also serves as Editor-in-Chief of QST. He said he had support on this from the League Directors. Strangely, while Bash isn't permitted to advertise in QST, he is permitted to act as a dealer for ARRL publications and he sells these at the many ham conventions he appears at as well by advertising them in his books.

Dick Bash has specifically requested the League accept his full page multicolor ad for QST and a full page black/white advertisement in their Repeater Directory. Dick has been successfully (VERY successfully) holding licensing seminars around the country and he also wants to publicize this in QST. It will be interesting to see what the League's response is to the Bash request now that the ball is in their court. We'll keep you posted. W5YI



RUSTY KEY NITE

Another FUN OTVARC activity under the belt. We had a much larger turnout for our second RK contest and it

appears that the total points per participant will make this one a lot closer when it comes to naming the winner. It was three hours well spent and if all of the people who took part in the contest go out and get signatures, a lot of new friends will be the outcome. If not a friend, at the very least a meeting of a fellow member and the formation of new acquaintances. For those of you who rattled away on the key, do not forget to turn in your log sheet at the March meeting or, if unable to attend, mail to the club PO box. We pity the members who were too busy watching the tube! You missed an opportunity.....

MEETING ETIQUETTE

Etiquette seems to be a very strange word if you look at it long enough. The word is French in origin and has to do with manners and politeness in the English translation. It has been mentioned before that chit chat during a meeting is not in the best interest of your fellow member who is trying to follow what is being said by the person at the microphone. It has also been said that it is very impolite of certain people to assume the meeting is over just because the raffle is done. The members who continue to disregard ETIQUETTE should have a turn UP FRONT to find out how it feels to conduct a meeting or to make an important announcement and find that some of the members are doing their own thing.. This is a little on the strong side so I would like you to know that your club president has nothing to do with these comments. You can run me out of town if you are offended. Could be I deserve it!! More mic gain Dick..... WB7SIC

KA7KDB and KC7U were seen at Waddles in Jantzen Beach having a DOUBLE DUCKIE SANDWICH!! Somebody has to be kidding. You guys sure you read the menu??

NOISE BRIDGE PROJECT NITE

The noise bridges will have been finished by the time this rag is out and what a ball it was. Willie, KA7KBJ and wife Norma, were kind enough to let us use their basement. Coffee, pastries and burned fingers were the rule. Not to mention the friendly insults passed out while solder was being installed in a most unprofessional manner. In spite of caffeine nerves and a resistor or two in the wrong place, all 'bridges' are done and in use by the proud hams who BUILT IT THEMSELVES!! Will we see you at the next "project nite"???

HOPE SO

A stranger alibi

I was 72 when my first ticket arrived. Someone asked why I waited so long to get into Amateur Radio. My cooked-up answer was: "I always obeyed my mother. She said - 'Never talk to strangers!'"

WALT OTTINGER, KC8HP
St. Clair Shores, Michigan

World record still unbroken

Regarding my world record sending hand key at 35 wpm, as stated in the 1936 Guinness Book of World Records.

I learned Morse telegraph (railroad Morse) at the age of 9, and was working at the age of 14. Worked as a Morse telegrapher on the railroad and other services up until 1936.



Harry Turner, W9YZE

Got my ham ticket in 1936, and was in the Naval Communication Reserve for four years. Enlisted in the Army Signal Corps in September 1942, and set this world record in November 1942. This record is entered on my service record and I have a certificate of achievement from the War Department attesting to same.

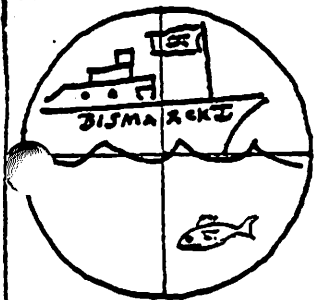
I keep up on my American Morse Code and practice on the hand key every day, using both codes.

With the requirements for sending on ham examinations, I doubt if this record will ever be broken.

I am a member of the Morse Telegraph Club, SOWP, QCWA, OOTC and several other clubs too numerous to mention.

73

HARRY TURNER, W9YZE
Alton, Illinois

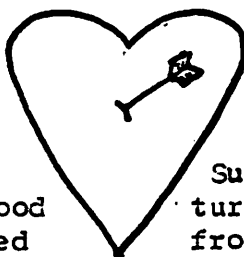


SINK THE BISMARK NIGHT

Here we are for a great opportunity to erase your name from the roster of the 'Bismark Boo Boo' club. You can bet that I am going to try to quit that group. Get your beams aligned and or your DF gear dusted off and take part in another fun event. This Bismark will be on the Thursday nite after our February meeting. The date is Feb. 18---the time will be 7:00 pm and the frequency is 146.52 simplex. If you are a new member and have'nt the foggiest as to what a Bismark is, let us explain. Sit in the comfort of your shack and zero in with a beam heading on the hidden txmtr. Report your reading to 'Bismark Control' and when all have reported, whip into Aloha and the Sunshine Pizza Parlor for a look at the map and how you did. GREAT fun and it is not time consuming for you. CU at Sunshine.....

VALENTINES DAY QSO PARTY

If you take QST you will see an ad in the February issue pertaining to an OTVARC QSO party. This QSO party is in celebration of Oregon's 123rd birthday and is sponsored by our Public Relations and Contest Committees. Beautiful certificates will be mailed to those contacted, upon receipt of a 'green stamp' and an SASE. Quite a lot of work has gone into these certificates and are the design and efforts of Carl, KA7GHR. The club will realize a profit from this event and while we could use the money, the MOST important part of all this is to get the membership involved and to have a good time doing it. The date is February 14. This is on Valentines Day and it is a Sunday. Time will be from 9:00 am to 6:00 pm and if we have a good turnout it may run a little later. The station will be operated from the home of Marty, KA7CTP, and we will use Marty's call. This is a GREAT OPPORTUNITY for some of our novice and tech class members to use the HF bands. This is NOT a contest and, as such, will be run at a pace suiting the operator. If you can spare a half hour or more to take part in this 'Special Event' operation, show up at Marty's and give it a go. Any ?? call Marty at 644-9244. Happy Birthday to Oregon on this Valentines Day of 1982.....



OREGON STATE HAM Convention

LATEST CONVENTION NEWS

On the back page of the newsletter you will find a registration form. As we are co-sponsors it must be assumed that our club members will be among the EARLY registrants. We have several hundreds of dollars in expenses before any return is available so PLEASE do what you can to help the cause. There is a SPECIAL drawing of an ICOM handheld for those people who will register BEFORE March 31. Just being a club member should be enough but if you are prone to putting things off it is hoped that your choice of an ICOM 2AT, 3AT or 4AT will whet your desire to lick a stamp. As of this point in time, we have two rooms left at the motel. If you are of a mind to join us for the weekend, the sister motel to the Landmark is the SUNDOWNER. Same owner and same hospitality! Please give some consideration to the registration form regarding the Clark County ham fair. They are, also, in need of EARLY registration. We will have a club booth at their 'fair' so as to advertise the convention. Help them and they will help us.....

PLEASE REGISTER ASAP. We MUST have income for pre-convention expenses. TNKS..



SELL OR TRADE

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FREE

Commercial ads-\$10.00

Call Al 640-5456

Circulation-190

(and growing)

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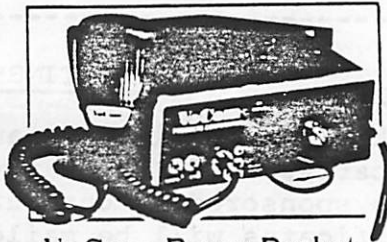
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- With the press of time during the January meeting, I failed to give a big THANK YOU to our new raffle committee. Carl, Willis, Gino and Steve did a super job of buying, displaying and handling the raffle.
- A special OTVARC welcome is in order for our 13 new members this month. We hope that you will join in on as many of our club activities as possible, and in doing so, benefit from the fellowship and personal growth in amateur radio that our club provides.
- In order to maintain and improve our meeting programs, we would like to form a program committee. We need three or four interested members to volunteer their time and effort in searching out new and interesting programs. We need to move very soon with this project, so if you have an interest in aiding us in this important club activity, please give me a call as soon as possible.
- Chuck, KA7DEW, had a presentation on the Seaside Convention prepared for the January meeting which was lost in the crush of time. Chuck heads up the Security Committee for the convention and will need all of our support. He will be asking for your help during the February meeting.
- As we would like to continue to recognize all of our meeting guests, we would appreciate it if you would have your guest sign our guest book at the door. Also, if you bring your YL or XYL, let me know before the start of the meeting so that we can give her a nice welcome also.
- Finally, let me say thanks to all 107 of you that attended the Jan. meeting. You made my first meeting as President a very enjoyable one. Whew! Hope that you, also, had a good time... '73' Dick-WB7ADM

Beacon mode schedule

On page 1 of our November 1981 issue, we ran an article entitled "Beacon experiment authorized for new bands." The bands were to be 10.100-10.150, 18.068-18.168, and 24.890-24.990 MHz. The licensee for the experiment is Robert P. Haviland, W4MB.

Mr. Haviland has sent us a copy of the general schedule for the beacon mode, which is listed below.

Experimental Station KK2XJM

Starting date	Frequency, MHz	Power, W
7 pm EST		
18 February	10.140	30W
25 February	18.108	30W
4 March	24.930	30W

Notes

Mondays are reserved for calibration and maintenance; Tuesdays through Thursdays are for special tests. Station may be on any frequency in 10, 18, or 24 MHz WARC bands.

The frequencies and times may change without notice, as dictated by interference limitations. Current information will be announced each 10 minutes when station is on the air.

For information, QSL, or to establish special test schedules, contact R.P. Haviland, W4MB, 2100 S. Nova Rd., Box 45, Daytona Beach, FL 32019. □

Ignition noise?

Bernie Lavezza, KA4RBD

After I installed a Kenwood TS-120S in my 1980 Mazda GLC, I was distressed to find the level of ignition noise to be S6 on the signal-strength meter. Unable to operate with such a high noise level, I had to find the noise source and correct the problem.

By disconnecting the antenna from the radio, I found that the noise was being picked up by the antenna and not entering the radio by way of the DC power cord. After following the suggestions outlined in the 1981 ARRL Handbook, I found the noise to still exist.

A few days later, I was able to talk the problem over with Mannie Papandreas, W4SS. His advice provided the solution

to the problem. Ground the exhaust system, not at the engine, but at the back of the car where the exhaust pipe is rubber isolated from the car body. Mannie also mentioned that the length of the exhaust pipe could explain why the 20-meter band has the most noise, which was true in my case.

So, I made several ground straps from the shield of an old coaxial cable. I connected one end of the ground strap to the exhaust pipe, and the other end to the car body using the existing hardware. This cured most of the ignition noise; however, some noise was still present that the noise blander could not remove. Upon further inspection of the exhaust system, I found the shield around the catalytic converter to be ungrounded. Once the shield was grounded to the car body, the ignition noise was virtually eliminated.

BEARCAT SCANNER MODIFICATIONS

Submitted by Fred, KA9HQS

Do you want to extend your scanner's frequency coverage? Here's how: Image or secondary signal reception may be used with a good outside antenna and strong signal. Simply double your I.F. and then add the frequency you want to hear to that number and enter it into your radio. For example, if you want to listen to 25.620 MHz, which is outside the Bearcat's 210 normal limits you would:

1. Double the IF ($10.8 \times 2 = 21.6$)
2. Add the desired frequency ($21.6 + 25.620 = 47.22$).
3. Enter 47.22 into the scanner.

This will work only if the frequency you entered isn't already in use, otherwise you will pick it up instead.

A X N S



JANUARY BUNNY HUNT RESULTS

Seven or eight cars went zipping around on Sat., Jan. 16 and would you believe that all found the mark. Some quickly and some slowly but at least, with some clues, all finished. A first! The winnah!! Dale, K7WWR. Looks like Dale will be the bunny at the next outing. Congrats to WWR. (again) Pretty good turnout for such a rainy day. We understand that the last place finisher is an extra class member who swims every day for exercise. Could be that he just could not pass up all those big mud puddles? Great fun and we look forward to the next one. Maybe a few more people?? (maybe N7DDK will show up)

HERE kitty kitty kitty kitty

What the heck is this all about? Well, the coffee and cookies that were consumed at the last meeting cost the club about \$35.00. The KITTY had about \$18.00 in it. Now this is not a large \$ difference but it was and is hoped that we might come out a little closer to even on the expenses for the yum-yums. If you drink 3 cups of coffee and chow down a couple of cookies, your quarter is appreciated but a wee bit short. If you don't contribute anything, you're not being fair to your fellow members! The meeting break and refreshments is a great new thing for us but let us hope that when it comes to dollars and cents we don't lose over \$200.00 in a years time!!! The PGE people are being approached regarding a beverage suitable to those of us who do not drink coffee. Thank you...

PUBLIC SERVICE PUBLIC SERVICE PUBLIC SERVICE PUBLIC SERVICE

A number of people made a great deal of noise in our annual survey sheet regarding the above subject. A large number of members have devoted time for various public needs but none of the activities have been in the name of OTVARC. This is being changed. At our January meeting a committee was formed to solve the problem. The five people who volunteered have met and worked on furthering the clubs involvement in public service. It is possible that they may have a report for us at the upcoming meeting? For your info, both the Oregon Emergency Coordinator, K7WWG, and our Washington County EC, WA7UMM, are members of the club. You may expect a lot of PUBLIC SERVICE doings in the very near future. You ask, the club acts!!

LETTERS TO THE EDITOR AND GUEST ARTICLES ARE WELCOME!

Listen first

Joe Myers Jr., KD4A

Do you want to pass a higher speed code test? The CW purist might say that after you become a good CW operator, the code test will be a snap. That is probably true, but not everyone wants to do it that way. Attempting to increase your code speed by copying increasingly faster records or tapes often results in reaching a frustrating plateau. I believe this plateau is experienced because you must become accustomed to the different sound at each jump from 5 wpm to 13 wpm to 20 wpm.

When I encountered this plateau

recently, I tried a different approach. I obtained a code tape for which I had a copy of the text at 2 or 3 wpm faster than my objective speed. I then just "listened" to the tape while following the printed text. At first it was difficult just following the code. Soon it became easier to follow the code and even find the place within the text when I got lost. I continued listening to the tape rather than copying it until I felt fairly comfortable with it. Then I did start copying the code with increasing success with practice.

If your text does not have enough numerals, a separate tape with numerals may be used in the same way.

— Shelby County ARC, AL

□

SALEM MINI-HAM FAIR

Feb. 27-10 miles west of Salem at Rickreall.
Hours: 10 to 6 pm.
Polk County Fairgrounds
Cost is \$3.00 per...

This is an opportunity for us to advertise the Seaside Convention. A number of dealers and other exhibitors will be there. Let's have a good club showing and support both the mini-fair and our OREGON STATE CONVENTION.....



PROGRAM-PART #2

As mentioned on the front page, Mark, W7CLU, is going to continue his program on home-brew EARS. A very gracious thing to do. Mark had to be cut off at the last meeting because of time problems and will complete his presentation for us this month. Mark has some very neat tricks as regards building your own versus buying. Not only on how to put it together but test results against the manufactured versions. Very interesting and good reason for more of the members to attend. Antennas are such an important part of our hobby that it is inconceivable any member could find an excuse for not making an appearance for this type of program. Give a fellow member a good showing! Thank you...

cut

OREGON STATE HAM CONVENTION
June 4-5-6, 1982



P.O. Box 920
Seaside, Oregon 97138

REG. NR. _____
(off. use only)

NAME _____ CALL _____ DATE _____

ADDRESS _____ CITY _____ STATE _____ ZIP _____

SINGLE REG. _____ \$5.00

BANQUET \$12.50 per person

COUPLES _____ \$7.00

DINNER: SALMON _____ PRIME RIB _____
Please Put Number and Choice

CHILDREN _____ \$1.00 each

FLEA MARKET _____ \$5.00 per table

LADIES LUNCHEON _____ YES _____ NO

PLEASE MAKE ALL CHECKS PAYABLE TO: OREGON STATE HAM CONVENTION!

COME TO THE BEACH AND HAVE A GREAT TIME FOR THE WHOLE FAMILY. SEE YOU THERE!

ADDITIONAL INFORMATION NEEDED—Call 1-503-640-5456 or 1-503-738-6461

FOR MOTEL RESERVATIONS—OREGON - (toll free) Call 1-800-452-6740 / OTHERS - Call 1-503-738-8585

cut

Clip and Mail
KEN WESTBY, W7DYX
Registration Chairman
606 Miami Court
Vancouver, Washington 98664

CLIP AND MAIL BY MAY 1st FOR EXTRA TICKETS

- () Yes, I am coming to the FORT VANCOUVER HAMFAIR. I enclose my check for _____
() Sorry, I can't attend, but please register my name for the drawing.

I need the following:

- () Registrations @ \$4.50 () Check if EARLY BIRD EXTRA.
() Adults Dinner @ \$5.50
() Kid's Dinner (12 or under) \$2.00

Each registration will be confirmed by mail. Ask for your ticket packet at the registration booth on arrival.

Name: (Please Print) _____ Call _____
Address: _____ City _____ State _____ Zip _____
Phone: _____

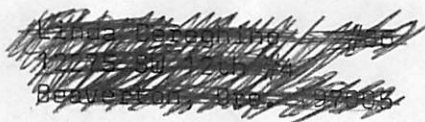
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CLARK COUNTY AMATEUR RADIO CLUB

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MARCH, 31

ICOM
2AT
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CHOICE....
DO IT!!

OTVARC
P.O. BOX 5132
BEAVERTON, OR 97006

PROGRAM PART 83



FIRST CLASS MAIL

FIRST CLASS MAIL

REG. NR. _____
P.O. Box 890
Beaverton, Oregon 97006 (off use only)

OREGON STATE HAM CONVENTION
June 4-5-6, 1983



DATE _____

CALL _____

ZIP _____

STATE _____

CITY _____

ADDRESS _____

\$2.00

SMOKE REG. _____

BANQUET \$12.50 per person

\$7.00

CHICKEN _____

DINNER: SALMON _____

Please Put Number and Choice

\$1.00 each

NO _____

YES _____

LADIES LUNCHEON _____

\$2.00 per table

PLEASE MAKE ALL CHECKS PAYABLE TO: OREGON STATE HAM CONVENTION

COME TO THE BEACH AND HAVE A GREAT TIME FOR THE WHOLE FAMILY (SEE YOU THERE!)

ADDITIONAL INFORMATION NEEDED—CALL 1-800-842-6148 or 1-503-735-4181

FOR MORE INFORMATION—OREGON (toll free) Call 1-800-452-6740, OTHERS—Call 1-503-735-4181

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